

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS

- 1 A method of restoration of hook to loop attachment materials which
method includes the step of effecting a raking or scooping of the
hook material with a member having a plurality of spaced apart
teeth where the width of each respective tooth and the spacing
5 apart of adjacent teeth is such that each respective teeth is
adapted to pass together with the other teeth between adjacent
hooks on the hook material.
- 2 A method as in the immediately preceding claim further
10 characterized in that each of the teeth has a center alignment
which is approximately 0.8mm from a center alignment of an
adjacent tooth.
- 3 A method as in preceding claim 1 further characterized in that each
15 of the teeth has a center alignment which is within the range of
from 0.7mm to 0.9mm from a center alignment of an adjacent
tooth.
- 4 A method as in the immediately preceding claim further
20 characterized in that the distance apart between respective teeth
is at least the thickness of a respective stem and the width of each
respective tooth is less than the width apart of immediately
adjacent stems in the material, then we have for the first time the
ability to protrude into debris and lift this past capturing hooks.
- 5 A method as in any one of the preceding claims further characterized
25 in that at least one of the teeth has a leading edge which is of
wedge shape and such that a lowermost edge is forward most.
- 6 A method as in any one of the preceding claims further characterized
in that a front shape of each respective tooth, when viewed from
above is a tapered shape.
- 7 A method as in any one of the preceding claims further characterized
30 in that such tapered shape includes a medial forward most point

with respective sides inclined away from such forward point.

- 8 A method as in any one of the preceding claims further characterized
in that there is a second line or set of teeth aligned and shaped
and having the same general characteristics as the first line of
5 teeth so that the raking apparatus then is characterized by having
two lines of teeth in echelon.
- 9 An apparatus for restoration of hook/loop attachment materials being
a rake comprised of a plurality of teeth aligned in side by side
alignment, each of the teeth being separated from an adjacent
10 tooth by a gap that is at least the width of a respective stem of
each of the hooks, and where the width of each respective tooth
is the same and such width is less than the distance between
respective stems.
- 10 An apparatus for restoration of hook/loop attachment materials as in
15 the immediately preceding claim further characterized in that the
leading edge of such respective teeth in each case includes a
lowermost narrow edge with a body of the tooth providing then a
forward wedge shape.
- 11 An apparatus for restoration of hook/loop attachment materials as in
20 the immediately preceding claim further characterized in that the
leading edge of each respective tooth is tapered both when
viewed from a side and when viewed in plan.
- 12 An apparatus for restoration of hook/loop attachment materials as in
the immediately preceding claim further characterized in that
25 there are at least two sets of such teeth held so that they will then
define between respective teeth the width of a respective stem of
the hook material, and where each of the teeth is of a width that
will pass between respective stems.
- 13 An apparatus for restoration of hook/loop attachment materials as in
30 the immediately preceding claim further characterized in that the
rake is formed from plastics material and is such that the gap
between respective teeth has a length that is relatively short so as

1 1

to provide significant strength to each forwardly projecting portion of each tooth.

- 5 14 An apparatus and method for restoration of hook/loop attachment materials which includes a rake with a set of teeth that match the separation widths of rows of the hooks of the attachment materials. There is also disclosed a second set of teeth that are aligned behind the first set to typically pick up debris lifted but not removed by the first set of teeth.
- 10 15 Hook attachment material when restored as a result of the method of any one of the preceding method claims